COMMONWEALTH of VIRGINIA

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Federal Operating Permit
Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9VAC5-80-50 through 9VAC5-80-300, of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Colonial Pipeline Company
Facility Name:	Colonial Pipeline Company – Mitchell Junction
Facility Location:	425 Duncan Store Road, Columbia, Virginia
Registration Number:	30415
Permit Number:	BRRO30415

This permit includes the following programs:
Federally Enforceable Requirements - Clean Air Act (Sections I through XI)

June 14, 2012
Effective Date

June 13, 2017
Expiration Date

Robert J. Weld
Regional Director

June 14, 2012
Signature Date

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I. Facility Information

Permittee
Colonial Pipeline Company
425 Duncan Store Road
Columbia, Virginia 23038

Responsible Official
Trent Allen
Operations Manager

Facility
Colonial Pipeline Company-Mitchell Junction
425 Duncan Store Road
Columbia, Virginia 23038

Contact Person
Megan Kearney
Environmental Technician
(804)375-3268

County-Plant Identification Number: 51-049-00001

Facility Description: NAICS Code 486910 – Mitchell Junction is a pipeline breakout station. Petroleum products including gasoline and distillate fuels are stored at the facility. Petroleum products enter and exit the facility via pipelines. The facility does not have a product loading rack.

II. Emission Units

Equipment to be operated consists of:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
EG-1	EG-1	Kohler 100 kW Emergency Generator - John Deere Engine, Manufactured 1990	134 bhp	-	-	-	
EG-2	EG-2	Kohler 80 kW Emergency Generator - John Deere Engine, Manufactured August 2006	134 bhp	-	-	-	
FWP-1	FWP-1	Caterpillar, Model 3208, Manufactured 8/18/1993	251 bhp	-	-	-	August 25, 2009
FFP-1	FFP-1	Fire Foam Pump, Manufactured 1991	37 bhp	-	-	-	
EGS-1		Equipment in gasoline service including valves, pumps, seals at the facility					
Storage Tanks (capacity in gallons)							
900	S900	Red dye storage tank (horizontal)	3,000				
910	S910	Storage tank for gasoline or equivalent material, GATX (1963)	2,814,000	Internal floating roof	-	VOC/HAP	-
911	S911	Storage tank for gasoline or equivalent material, GATX (1963)	5,544,000	Internal floating roof	-	VOC/HAP	-
912	S912	Storage tank for gasoline or equivalent material, GATX (1963)	1,386,000	Internal floating roof	-	VOC/HAP	-
913	S913	Storage tank for gasoline or equivalent material, GATX (1963)	2,268,000	Internal floating roof	-	VOC/HAP	-
914	S914	Storage tank for gasoline or equivalent material, GATX (1963)	5,544,000	Internal floating roof	-	VOC/HAP	-
915	S915	Storage tank for gasoline or equivalent material, GATX (1963)	3,360,000	Internal floating roof	-	VOC/HAP	-
916	S916	Storage tank for gasoline or equivalent material, GATX (1963)	1,806,000	Internal floating roof	-	VOC/HAP	-
917	S917	Storage tank for gasoline or equivalent material, GATX (1963)	1,386,000	Internal floating roof	-	VOC/HAP	-

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
918	S918	Storage tank for gasoline or equivalent material, GATX (1963)	2,268,000	Internal floating roof	-	VOC/HAP	-
919	S919	Storage tank for gasoline or equivalent material, GATX (1970)	5,040,000	Internal floating roof	-	VOC/HAP	-
930	S930	Storage tank for gasoline or equivalent material, GATX (1963)	1,008,000	Internal floating roof	-	VOC/HAP	-
931	S931	Storage tank for gasoline or equivalent material, GATX (1963)	2,268,000	Internal floating roof	-	VOC/HAP	-
932	S932	Storage tank for gasoline or equivalent material, GATX (1963)	2,268,000	Internal floating roof	-	VOC/HAP	-
933	S933	Storage tank for gasoline or equivalent material, GATX (1963)	5,544,000	Internal floating roof	-	VOC/HAP	-
934	S913	Storage tank for gasoline or equivalent material, GATX (1963)	5,544,000	Internal floating roof	-	VOC/HAP	-
935	S935	Storage tank for gasoline or equivalent material, GATX (1963)	3,360,000	Internal floating roof	-	VOC/HAP	-
936	S936	Storage tank for gasoline or equivalent material, GATX (1963)	1,386,000	Internal floating roof	-	VOC/HAP	-
937	S937	Storage tank for gasoline or equivalent material, GATX (1963)	3,360,000	Internal floating roof	-	VOC/HAP	-
938	S938	Storage tank for gasoline or equivalent material, GATX (1963)	6,300,000	Internal floating roof	-	VOC/HAP	-
939	S939	Storage tank for gasoline or equivalent material, GATX (1963)	3,360,000	Internal floating roof	-	VOC/HAP	-
950	S950	Storage tank for distillate or equivalent material, GATX (1963, converted to VFR 2009)	2,814,000	Vertical fixed roof	-	VOC/HAP	-
951	S951	Storage tank for distillate or equivalent material, GATX (1963, converted to VFR 2010)	2,268,000	Vertical fixed roof	-	VOC/HAP	-
952	S952	Storage tank for distillate or equivalent material, Dorcon (1963)	4,032,000	Vertical fixed roof	-	VOC/HAP	-
953	S953	Storage tank for distillate or equivalent material, Dorcon (1963)	5,040,000	Vertical fixed roof	-	VOC/HAP	-

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
960	S960	Storage tank for distillate or equivalent material, Dorcon (1963)	2,814,000	Vertical fixed roof	-	VOC/HAP	-
961	S961	Storage tank for distillate or equivalent material, Dorcon (1963)	3,360,000	Vertical fixed roof	-	VOC/HAP	-
962	S962	Storage tank for distillate or equivalent material, PDM (1963)	4,032,000	Vertical fixed roof	-	VOC/HAP	-
970	S970	Storage tank for distillate or equivalent material, Dorcon (1963)	4,032,000	Vertical fixed roof	-	VOC/HAP	-
971	S971	Storage tank for distillate or equivalent material, Dorcon (1963)	1,008,000	Vertical fixed roof	-	VOC/HAP	-
972	S972	Storage tank for distillate or equivalent material, Dorcon (1963)	1,806,000	Vertical fixed roof	-	VOC/HAP	-
973	S973	Storage tank for distillate or equivalent material, Dorcon (1963)	2,268,000	Vertical fixed roof	-	VOC/HAP	-
974	S974	Storage tank for distillate or equivalent material, Dorcon (1963)	2,814,000	Vertical fixed roof	-	VOC/HAP	-
975	S975	Storage tank for distillate or equivalent material, Dorcon (1963)	3,360,000	Vertical fixed roof	-	VOC/HAP	-
976	S976	Storage tank for distillate or equivalent material, Dorcon (1963)	3,360,000	Vertical fixed roof	-	VOC/HAP	-
977	S977	Storage tank for distillate or equivalent material, Dorcon (1963)	2,814,000	Vertical fixed roof	-	VOC/HAP	-
978	S978	Storage tank for distillate or equivalent material, Dorcon (1963)	2,814,000	Vertical fixed roof	-	VOC/HAP	-

*The Size/Rated capacity is provided for informational purposes only, and is not an applicable requirement. Capacities are in gallons unless otherwise noted.

III. Fire Pump Engine Requirements

A. Limitations

1. The fire pump engine (FWP-1) shall not operate more than 1,000 hours per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months. (9VAC5-80-110 and Condition 2 of the 8/25/09 Permit)

2. The approved fuel for the fire pump engine (FWP-1) is diesel. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-110 and Condition 3 of the 8/25/09 Permit)

3. Emissions from the operation of the fire pump engine (FWP-1) shall not exceed the limits specified below:

Nitrogen Oxides (as NO_2)	0.031 lb/hp-hr	3.9 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions III.A.1 and III.A.2.
(9VAC5-80-110 and Condition 4 of the 8/25/09 Permit)

4. The engine (FWP-1) has additional applicable requirements in Sections V and VII.
(9VAC5-80-110)

B. Monitoring and Recordkeeping

The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:

a. Annual hours of operation of the fire pump engine (FWP-1), calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.

b. Monthly and annual emissions calculations for NOx from the fire pump engine (FWP 1) using calculation methods approved by the Blue Ridge Regional Office to verify compliance with the ton/yr emissions limitations in Condition III.A.3.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9VAC5-80-110 and Condition 5 of the 8/25/09 Permit)

IV. Storage Tanks Requirements

(Ref IDs: 900, 910-919, 930-939, 950-953, 960-962, 970-978)

A. Limitations

1. The annual throughput of gasoline shall not exceed 4,738,608,000 gallons, calculated monthly as the sum of each consecutive twelve (12) month period.
(9VAC5-80-110)

2. The annual throughput of distillate fuel oil shall not exceed 2,482,704,000 gallons, calculated monthly as the sum of each consecutive twelve (12) month period.
(9VAC5-80-110)

3. The annual throughput of kerosene shall not exceed 1,019,088,000 gallons, calculated monthly as the sum of each consecutive twelve (12) month period.
(9VAC5-80-110)

4. The annual throughput of red dye shall not exceed 45,812 gallons, calculated monthly as the sum of each consecutive twelve (12) month period.
(9VAC5-80-110)

5. The gasoline storage tanks (Ref IDs: 910-919, 930-939) shall comply with the applicable requirements in Section VIII.
(9VAC5-80-110)

B. Monitoring and Recordkeeping

The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:

a. Annual throughput of gasoline, distillate fuel, kerosene, red dye and roof landings, calculated monthly as the sum of each consecutive twelve (12) month period.

b. Data sufficient to calculate annual VOC and speciated HAP emissions.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.
(9VAC5-80-110)

V. Facility Wide Requirements

A. Limitations

1. The approved fuel for the engines (FWP-1, EG-1, EG-2, FFP-1) is diesel fuel. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-110)

2. Visible emissions from any engine (FWP-1, EG-1, EG-2, FFP-1) shall not exceed 20% opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30% opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9VAC5-80-110 and 9VAC5-50-80)

B. Monitoring and Recordkeeping

1. The permittee shall obtain a certification from the fuel supplier with each shipment of diesel for on-site use. Each fuel supplier certification shall include the following:

   a. The name of the fuel supplier;

   b. The date on which the fuel was received;

   c. The quantity of fuel delivered in the shipment;

   d. A statement that the fuel complies with the ASTM D975 specification for Grades 1 or 2;

   e. The maximum sulfur content of the fuel.

   (9VAC5-80-110)

2. At least one time per year, the permittee shall conduct a visible emission evaluation (VEE), in accordance with EPA Method 9 (reference 40 CFR 60, Appendix A) for a minimum of eighteen (18) minutes, to assure visible emissions from each engine (FWP-1, EG-1, EG-2, FFP-1) is 20 percent opacity or less. If any of the 15-second observations exceeds 20 percent opacity, the observation period shall continue for a total of sixty (60) minutes. If compliance is not demonstrated by this VEE, timely corrective action shall be taken such that the equipment resumes operation with visible emissions less than or equal to 20 percent opacity. The permittee shall maintain an observation log to demonstrate compliance. The logs shall include the date and time of the observations, the results of all VEEs, any necessary corrective action, and the name of the observer.
(9VAC5-80-110)

3. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited

to:

a. All fuel supplier certifications required by Condition V.B.1.

b. Visual emission observation logs required by Condition V.B.2.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent (5) years.
(9VAC5-80-110)

VI. 40 CFR 60 Subpart IIII Requirements

(Ref ID: EG-2)

A. Limitations

1. The emergency generator engine (EG-2) must meet the standards contained in Table 1 of 40 CFR 60 Subpart IIII.
(9VAC5-80-110 and 40 CFR 60.4205(a))

2. The approved fuel for the engine (EG-2) is diesel fuel as defined in 40 CFR 60.4219 and complying with 40 CFR 60.4207.
(9VAC5-80-110 and 40 CFR 60.4207)

3. The engine (EG-2) shall be operated in accordance with 40CFR60.4211(f). Operation not in accordance with 40CFR60.4211(f) shall make the engine subject to the non-emergency requirements. Operation for non-emergency purposes may require a permit to modify and operate pursuant to 9VAC5-80 Article 6.
(9VAC5-80-110 and 40 CFR 60.4211(f))

4. The engine (EG-2) must be certified to the emission standards in Condition VI.A.1 for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.
(9VAC5-80-110 and 40 CFR 60.4211(b))

5. The permittee shall operate and maintain the engine (EG-2) and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, owners and operators may only change those settings that are permitted by the manufacturer. The permittee must also meet the requirements of 40 CFR parts 89, 94 and/or 1068, as applicable.
(9VAC5-80-110 and 40 CFR 60.4211(a))

B. Monitoring and Recordkeeping

1. The permittee shall install a non-resettable hour meter prior to startup of the engine (EG-2). The reason for operation and length of time operated shall be recorded.
(9VAC5-80-110 and 40 CFR 60.4209(a))

2. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:

   a. Records to demonstrate the purchased engine (EG-2) was certified in compliance with Condition VI.A.4.

   b. All fuel supplier certifications for diesel combusted in the engine (EG-2) to demonstrate compliance with Condition VI.A.2.

   These records shall be available on site for inspection by the DEQ and shall be current for the most recent (5) years.
   (9VAC5-80-110)

VII. 40 CFR 63 Subpart ZZZZ Requirements

(Ref IDs: FWP-1, EG-1, EG-2, FFP-1)

A. Limitations

1. For the 80 kW emergency generator engine (EG-2), the permittee shall comply with 40 CFR 63 Subpart ZZZZ by complying with the applicable requirements of 40 CFR 60 Subpart IIII. No other requirements of this section apply.
   (9VAC5-80-110, 9VAC5-60-100, and 40 CFR 63.6590(c))

2. The existing engines (FWP-1, EG-1, FFP-1) must meet the requirements of 40CFR63 Subpart ZZZZ for existing compression ignition engines as contained in this section no later than May 3, 2013.
   (9VAC5-80-110 and 40CFR63.6595)

3. The emergency engines (EG-1, FFP-1) must meet the requirements of Table 2d(4) of 40CFR63 Subpart ZZZZ. Sources have the option to utilize an oil analysis program as described in 40CFR63.6625(i) in order to extend the specified oil change requirement in Table 2d(4). The analysis program must be part of the maintenance plan for the engine. If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d(4), or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.
   (9VAC5-80-110 and 40CFR63.6603(a))

4. The non-emergency engine (FWP-1) must meet the requirements of Table 2d(1) of 40CFR63 Subpart ZZZZ. Sources have the option to utilize an oil analysis program as described in 40CFR63.6625(i) in order to extend the specified oil change requirement in Table 2d(1). The analysis program must be part of the maintenance plan for the engine.
(9VAC5-80-110 and 40CFR63.6603(a))

5. The permittee must operate and maintain the stationary RICE (FWP-1, EG-1, FFP-1) and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether such operation and maintenance procedures being used are sufficient to minimize emissions will be based on available information which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
(9VAC5-80-110, Condition 9 of the 8/25/09 Permit, 40CFR63.6605(b), 40CFR63.6640(a), and 40CFR63.6625(e))

6. The permittee shall comply with the applicable requirements of 40CFR63 Subpart A as shown in Table 8 of 40CFR63 Subpart ZZZZ.
(9VAC5-80-110 and 40CFR63.6665)

7. The emergency engines (EG-1, FFP-1) shall be operated in accordance with 40CFR63.6640(f). Operation not in accordance with 40CFR63.6640(f) shall make the engine subject to the non-emergency requirements. Operation for non-emergency purposes may require a permit to modify and operate pursuant to 9VAC5-80 Article 6.
(9VAC5-80-110 and 40CFR63.6640(f))

8. The permittee shall minimize the engines' (FWP-1, EG-1, FFP-1) time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
(9VAC5-80-110 and 40CFR63.6625(h))

B. Monitoring and Recordkeeping

1. The emergency engines (EG-1 and FFP-1) shall be equipped with a non-resettable hour meter. The reason for operation and length of time operated shall be recorded.
(9VAC5-80-110, 40CFR63.6655(f), and 40CFR63.6625(f))

2. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:

   a. All fuel supplier certifications.

b. A copy of each notification and report submitted to comply with 40CFR63 Subparts A and ZZZZ.

c. Records of the occurrence and duration of each malfunction of each emergency engine (EG-1 and FFP-1) or any air pollution control and monitoring equipment.

d. Records of all required maintenance performed on the air pollution control and monitoring equipment.

e. Records of actions taken during periods of malfunction to minimize emissions, including corrective actions to restore the malfunctioning engine and air pollution control and monitoring equipment to its normal or usual manner of operation.

f. If the oil analysis program described in 40CFR63.6625(i) is implemented, the permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine.

g. Records of the reason and hours of operation for the emergency engines (EG-1 and FFP-1).

These records shall be available on site for inspection by the DEQ and shall be current for the most recent (5) years.
(9VAC5-80-110, 40CFR63.6625(i), and 40CFR63.6655)

VIII. 40 CFR 63 Subpart BBBBBB Requirements

(Ref IDs: 910 through 919, 930 through 939, EGS-1)

Each gasoline storage tank at the facility (Ref IDs: 910 through 919, 930 through 939) and all equipment in gasoline service (Ref ID: EGS-1) shall comply with the applicable requirements in this section (Section VIII) by the later of January 10, 2011, except that storage vessels equipped with floating roofs and not meeting the requirements of this section must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.
(9VAC5-80-110 and 40CFR63.11087(b))

A. Limitations and Monitoring

1. For each gasoline storage tank, the permittee shall comply with the requirements of Item 2(b) in Table 1 of 40CFR63 Subpart BBBBBB. The permittee shall perform inspections of each gasoline storage tank in accordance with 40CFR60.113b(a) or an alternative monitoring plan approved in writing by the DEQ.
(9VAC5-80-110, 40CFR63.11087(a), and 40CFR63.11092(e))

2. The permittee shall perform a monthly leak inspection of all equipment in gasoline service (EGS-1). For this inspection, detection methods incorporating sight, sound, and smell are acceptable. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement

of leaking equipment shall be completed within 15 calendar days after detection of each leak. Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. Each detection of a liquid or vapor leak shall be recorded in the log book.
(9VAC5-80-110 and 40CFR63.11089)

3. You must, at all times, operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
(9VAC5-80-110 and 40CFR63.11085(a))

4. The permittee shall comply with the applicable requirements of 40CFR63 Subpart A as listed in Table 3 of 40CFR63 Subpart BBBBBB.
(9VAC5-80-110 and 40CFR63.11098)

B. Recordkeeping and Reporting

1. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Blue Ridge Regional Office. These records shall include, but are not limited to:

   a. Records of applicable throughput.

   b. Records as specified in 40CFR60.115b, except these records shall be kept for at least 5 years.

   c. Records describing the types, identification numbers, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program under 40CFR63.11089, the record shall contain a full description of the program.

   d. The inspection log book including, for each leak that is detected, the information specified in paragraphs 40CFR63.11094(e)(1) through (7).

   e. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

   f. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40CFR63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner

of operation.

g. All notifications and reports required in this permit section

These records shall be available on site for inspection by the DEQ and shall be current for the most recent (5) years.
(9VAC5-80-110, 40CFR63.11081(j), 40CFR63.11089, and 40CFR63.11094)

2. The permittee shall submit notifications as required in 40CFR63.11093 and 40CFR63.9. (9VAC5-80-110 and 40CFR63.11087(d))

3. The permittee shall submit a semi-annual compliance report in accordance with the requirements of 40CFR63.11095. The information required in the semi-annual compliance report may be submitted as part of the compliance reports required in Condition XI.C.3. (9VAC5-80-110 and 40CFR63.11095)

IX. Insignificant Emission Units

The following emission units at the facility are identified in the application as insignificant emission units under 9VAC5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant Emitted (9VAC5-80-720 B)	Rated Capacity (9VAC5-80-720 C)
OWS-1	Oil/Water Separator	9VAC5-80-720 B.2	VOC	-
03 Sump	Transmix Sump	9VAC5-80-720 B.2	VOC	
04 Sump	Transmix Sump	9VAC5-80-720 B.2	VOC	
Tk-990	Stingwater Tank	9VAC5-80-720 B.2	VOC	
DRA Tank	Drag Reducing Agent storage tank	9VAC5-80-720 B.2	VOC	
	Tank Cleaning	9VAC5-80-720 B.2	VOC	

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9VAC5-80-110.

X. Permit Shield & Inapplicable Requirements

Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
9VAC5-410 & 40 CFR 60 (Subpart K)	Standards of Performance for Storage Vessels for Petroleum Liquids	Each storage vessel was constructed before June 11, 1973
9VAC5-410 & 40 CFR 60 (Subparts Ka)	Standards of Performance for Storage Vessels for Petroleum Liquids	Each storage vessel was constructed before May 18, 1978.
9VAC5-410 & 40 CFR 60 (Subparts Kb)	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels)	Each storage vessel was constructed before July 23, 1984.
9VAC5-410 and 40 CFR 60 (Subpart XX)	Standards of Performance for Bulk Gasoline Terminals	No loading racks at the facility
9VAC5-60-100 and 40 CFR 63 (Subpart R)	National Emissions Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	The facility is not a major source.
40 CFR 68	Chemical Accident Prevention Provisions	Stationary source having more than a threshold qty. of a reg. substance.

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by (i) the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9VAC5-80-140)

XI. General Conditions

A. Federal Enforceability

All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9VAC5-80-110 N)

B. Permit Expiration

This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

1. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.

2. If an applicant submits a timely and complete application for an initial permit or renewal under this section, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9VAC5 Chapter 80, until the Board takes final action on the application under 9VAC5-80-150.

3. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.

4. If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.

5. The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.

(9VAC5-80-80 B, C, and F, 9VAC5-80-110 D and 9VAC5-80-170 B)

C. Recordkeeping and Reporting

1. All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

   a. The date, place as defined in the permit, and time of sampling or measurements.

   b. The date(s) analyses were performed.

   c. The company or entity that performed the analyses.

   d. The analytical techniques or methods used.

   e. The results of such analyses.

   f. The operating conditions existing at the time of sampling or measurement.

   (9VAC5-80-110 F)

2. Records of all monitoring data and support information shall be retained for at least five years

from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
(9VAC5-80-110 F)

3. The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

   a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31.

   b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:

      (i) Exceedance of emissions limitations or operational restrictions;
      (ii) Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,
      (iii) Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

   c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semi-annual reporting period."

   (9VAC5-80-110 F)

D. Annual Compliance Certification

Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

1. The time period included in the certification. The time period to be addressed is January 1 to December 31.

2. The identification of each term or condition of the permit that is the basis of the certification.

3. The compliance status.

4. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance.

5. Consistent with subsection 9VAC5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period.

6. Such other facts as the permit may require to determine the compliance status of the source.

7. One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

   R3_APD_Permits@epa.gov

(9VAC5-80-110 K.5)

E. Permit Deviation Reporting

The permittee shall notify the Blue Ridge Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to Condition XI.C.3 of this permit.
(9VAC5-80-110 F.2 and 9VAC5-80-250)

F. Failure/Malfunction Reporting

In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall, as soon as practicable but no later than four daytime business hours after the malfunction is discovered, notify the Blue Ridge Regional Office by facsimile transmission, telephone or telegraph of such failure or malfunction and shall within 14 days of discovery provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Blue Ridge Regional Office.
(9VAC5-20-180 C)

G. Severability

The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9VAC5-80-110 G.1)

H. Duty to Comply

The permittee shall comply with all terms and conditions of this permit. Any permit

noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9VAC5-80-110 G.2)

I. Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9VAC5-80-110 G.3)

J. Permit Modification

A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9VAC5-80-190 and 9VAC5-80-260)

K. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110 G.5)

L. Duty to Submit Information

1. The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9VAC5-80-110 G.6)

2. Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.
(9VAC5-80-110 K.1)

M. Duty to Pay Permit Fees

The owner of any source for which a permit under 9VAC5-80-50 through 9VAC5-80-300 was issued shall pay permit fees consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department.
(9VAC5-80-110 H and 9VAC5-80-340 C)

N. Fugitive Dust Emission Standards

During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

1. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;

2. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;

3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;

4. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,

5. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9VAC5-80-110, 9VAC5-40-90, and 9VAC5-50-90)

O. Startup, Shutdown, and Malfunction

At all times, including periods of startup, shutdown, and soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9VAC5-80-110, 9VAC5-50-20 E, and 9VAC5-40-20 E)

P. Alternative Operating Scenarios

Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9VAC5 Chapter 80, Article 1.
(9VAC5-80-110 J)

Q. Inspection and Entry Requirements

The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

1. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.

2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.

3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.

4. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9VAC5-80-110 K.2)

R. Reopening For Cause

The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9VAC5-80-80 F.

1. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

2. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

3. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.

(9VAC5-80-110 L)

S. Permit Availability

Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9VAC5-80-150 E)

T. Transfer of Permits

1. No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.

2. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.

3. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.

(9VAC5-80-160)

U. Malfunction as an Affirmative Defense

1. A malfunction constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the requirements of paragraph 2 of this condition are met.

2. The affirmative defense of malfunction shall be demonstrated by the permittee through properly signed, contemporaneous operating logs, or other relevant evidence that show the following:

   a. A malfunction occurred and the permittee can identify the cause or causes of the malfunction.

   b. The permitted facility was at the time being properly operated.

   c. During the period of the malfunction the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.

   d. The permittee notified the Board of the malfunction within two working days following the time when the emission limitations were exceeded due to the malfunction. This notification shall include a description of the malfunction, any steps taken to mitigate emissions, and corrective actions taken. The notification may be delivered either orally or in writing. The notification may be delivered by electronic mail, facsimile transmission, telephone, or any other method that allows the permittee to comply with the deadline. This notification fulfills the requirements of 9VAC5-80-110 F.2.b to report promptly deviations from permit requirements. This notification does not release the permittee from the malfunction reporting requirement under 9VAC5-20-180 C.

3. In any enforcement proceeding, the permittee seeking to establish the occurrence of a malfunction shall have the burden of proof.

4. The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any applicable requirement.

(9VAC5-80-250)

V. Permit Revocation or Termination for Cause

A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9VAC5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.
(9VAC5-80-190 C and 9VAC5-80-260)

W. Duty to Supplement or Correct Application

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9VAC5-80-80 E)

X. Stratospheric Ozone Protection

If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(40 CFR Part 82, Subparts A-F)

Y. Asbestos Requirements

The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).
(9VAC5-60-70 and 9VAC5-80-110 A.1)

Z. Accidental Release Prevention

If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(40 CFR Part 68)

AA. Changes to Permits for Emissions Trading

No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9VAC5-80-110 I)

BB. Emissions Trading

Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

1. All terms and conditions required under 9VAC5-80-110, except subsection N, shall be included to determine compliance.

2. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.

3. The owner shall meet all applicable requirements including the requirements of 9VAC5-80-50 through 9VAC5-80-300.

(9VAC5-80-110 I)